

INTERNATIONAL SEARCH REPORT

International Application No
PCT/EP2004/052950

A. CLASSIFICATION OF SUBJECT MATTER IPC 7 B60R21/01 B60N2/00 G01G19/414		
According to International Patent Classification (IPC) or to both national classification and IPC		
B. FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols) IPC 7 B60R B60N G01G H03H		
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched		
Electronic data base consulted during the International search (name of data base and, where practical, search terms used) EPO-Internal, WPI Data, PAJ		
C. DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	DE 101 44 877 A (BOSCH GMBH ROBERT) 3 April 2003 (2003-04-03)	1
Y	abstract; figures 1,2,4 paragraphs '0013! - '0022!, '0024!	2-9
Y	US 5 957 491 A (SEWELL MICHAEL R ET AL) 28 September 1999 (1999-09-28) column 6, line 45 - column 7, line 30 column 8, line 14 - column 9, line 48	2-6
Y	PATENT ABSTRACTS OF JAPAN vol. 006, no. 096 (P-120), 4 June 1982 (1982-06-04) -& JP 57 029916 A (YOKOGAWA HOKUSHIN ELECTRIC CORP), 18 February 1982 (1982-02-18) abstract ----- -/-	7-9
<div style="display: flex; justify-content: space-between;"> <input checked="" type="checkbox"/> Further documents are listed in the continuation of box C. <input checked="" type="checkbox"/> Patent family members are listed in annex. </div>		
<div style="display: flex;"> <div style="flex: 1;"> <p>* Special categories of cited documents:</p> <p>*A* document defining the general state of the art which is not considered to be of particular relevance</p> <p>*E* earlier document but published on or after the international filing date</p> <p>*L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)</p> <p>*O* document referring to an oral disclosure, use, exhibition or other means</p> <p>*P* document published prior to the international filing date but later than the priority date claimed</p> </div> <div style="flex: 1;"> <p>*T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention</p> <p>*X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone</p> <p>*Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.</p> <p>*&* document member of the same patent family</p> </div> </div>		
Date of the actual completion of the international search <div style="text-align: center; font-weight: bold;">17 January 2005</div>		Date of mailing of the international search report <div style="text-align: center; font-weight: bold;">28/01/2005</div>
Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016		Authorized officer <div style="text-align: center; font-weight: bold;">Plenk, R</div>

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	EP 0 900 705 A (DELCO ELECTRONICS CORP) 10 March 1999 (1999-03-10) abstract paragraphs '0010!', '0011!; figures 1,2 -----	7-9

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No
PCT/EP2004/052950

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
DE 10144877	A	03-04-2003	DE 10144877 A1	03-04-2003
			WO 03024749 A1	27-03-2003
			EP 1427610 A1	16-06-2004
			US 2004069075 A1	15-04-2004
US 5957491	A	28-09-1999	CA 2245662 A1	25-06-1998
			DE 69730952 D1	04-11-2004
			EP 0885139 A1	23-12-1998
			JP 2002513348 T	08-05-2002
			WO 9826961 A1	25-06-1998
			US 6286861 B1	11-09-2001
			US 6056079 A	02-05-2000
			US 2002014356 A1	07-02-2002
JP 57029916	A	18-02-1982	NONE	
EP 0900705	A	10-03-1999	US 5987370 A	16-11-1999
			DE 69819265 D1	04-12-2003
			DE 69819265 T2	13-05-2004
			EP 0900705 A2	10-03-1999
			JP 3040379 B2	15-05-2000
			JP 11148855 A	02-06-1999
			US 6101436 A	08-08-2000
			US 6058341 A	02-05-2000
			US 6138067 A	24-10-2000
			US 6490936 B1	10-12-2002